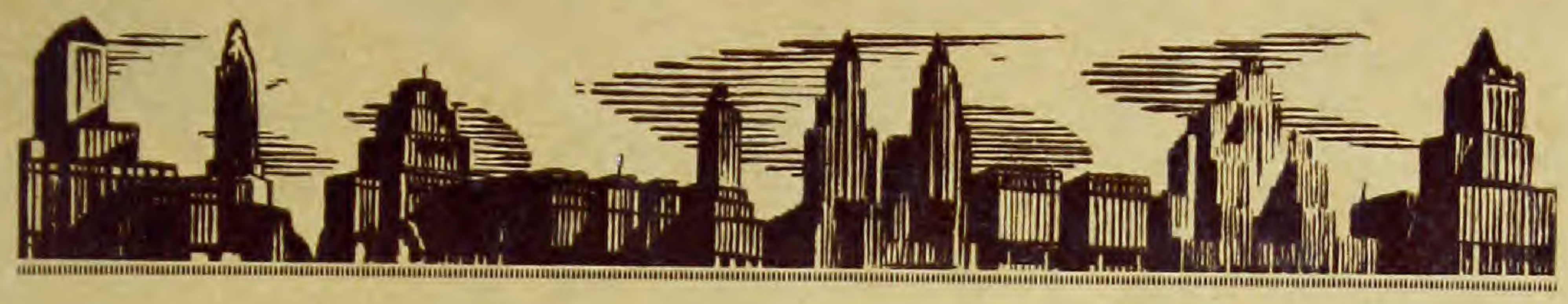


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# STEEL SHEETS

~ *Applied to* ~

## MODERN CONSTRUCTION

*sheet metal*

FRANKLIN INSTITUTE  
PHILADELPHIA





FRANKLIN INSTITUTE  
PHILADELPHIA





APOLLO BEST BLOOM









# STEEL SHEETS

~ *Applied to* ~  
**MODERN CONSTRUCTION**



*Airplane View of mid-town section of New York City*



## AMERICAN SHEET AND TIN PLATE COMPANY

SUBSIDIARY OF UNITED STATES STEEL CORPORATION

General Offices: Frick Building, Pittsburgh, Pa.

### DISTRICT SALES OFFICES

Chicago Cincinnati Denver Detroit New Orleans New York Philadelphia Pittsburgh St. Louis

Export Distributors: UNITED STATES STEEL PRODUCTS COMPANY, New York City

Pacific Coast Distributors: COLUMBIA STEEL COMPANY, San Francisco, Los Angeles, Salt Lake City, Phoenix, Portland, Seattle







## Foreword . . .

FOR many years this Company has maintained a position of leadership in the manufacture of high grade sheet metals. Quality has always been a first consideration. Expert workmanship, trained technical staffs and research organizations, in addition to extensive mill facilities and equipment permit this Company to offer products of the finest grades for the rigid sheet metal requirements of the building industry.



No better presentation of the excellence of AMERICAN products in service could be offered than the illustrations of many prominent structures as shown on the following pages. These clearly indicate the extensive use and wide adaptation of sheet metals as they are found applicable to good construction.

*American Sheet and Tin Plate Company*





## Sheet Metals

### FOR GENERAL SHEET METAL WORK:

The products of this Company are specially adapted to the many varied uses in modern building construction, not only in such familiar applications as roofing, siding, gutters, spouting, flashings, sky-lights, cornices, and similar uses; but also for

Corner bead, metal lath, moulding, doors, door bucks, window frames, air conditioning and ventilating ducts, stair risers, cabinets, and numerous other applications.

As manufacturers of sheet metals, we have actively kept pace with new and improved methods of forming and fabrication. For example, only a few years ago steel door frames (known in the trades as "door bucks") were laboriously formed on brake machines. Now up-to-date factories accomplish this by rapid mechanical forming, with great saving in both time and expense. It is but typical of the advances made in other forms of sheet metal fabrication. Our constant endeavor has been to supply black and galvanized sheets and special sheets that are specifically adapted to the exacting requirements of this constantly expanding field.

### FOR VENTILATING AND AIR CONDITIONING SYSTEMS:

This is an extending and important field. AMERICAN Apollo Best Bloom Galvanized Sheets, through their ease of fabrication and tight adherence of coating, are notably successful when used for air conditioning and ventilating ducts, and other features of the sheet metal work. AMERICAN Black Sheets are also widely used in such systems where found applicable, and with eminently satisfactory results.

### FOR INCREASED RUST RESISTANCE:

Many architects, engineers and builders are interested in the matter of increased corrosion resistance. For uses requiring maximum durability, specify Keystone Copper Steel. This alloy material offers a superior resistance to corrosion at a nominal cost. Its enduring quality has been convincingly demonstrated in numerous tests by buyers and users, and also under varied atmospheric conditions in a series of tests conducted by the American Society for Testing Materials and other investigators. Keystone quality is supplied in Black and Galvanized Sheets and Roofing Terne Plates.

### FOR TERNE ROOFS, VALLEYS AND GUTTERS:

There has always been a demand for high grade Terne Plates in connection with good construction. This Company offers carefully manufactured Terne Plates of Keystone quality, from 8 to 40 pounds coating. We also produce Long Terne Sheets which are specially adapted to the building field.

### FOR USES REQUIRING STAINLESS STEEL:

Unquestionably this is an *Age of Alloys*. The demand in recent years for Stainless Alloy Steels adapted to the construction field is now very frequently met by our line of U S S Stainless and Heat Resisting Steel Sheets and Light Plates. These are manufactured in various grades for particular applications. Full information will be gladly given upon request.

ID 88-1514558 TCF





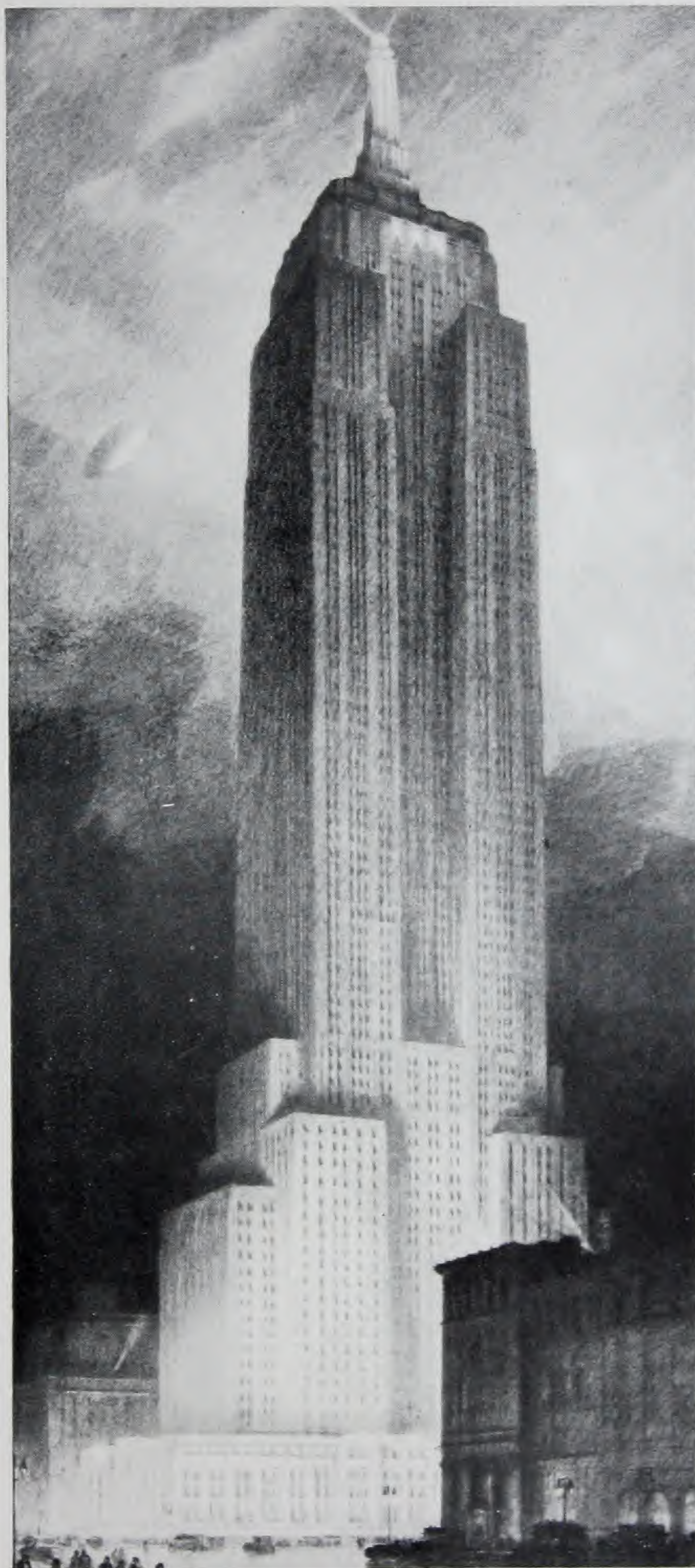
Hiram Myers

### *The Empire State Building, New York City*

Shreve, Lamb and Harmon, *Architects*  
H. G. Balcom, *Structural Engineer*  
Starrett Bros. and Eken, *General Contractors*  
Post and McCord, *Steel Contractors*  
American Bridge Company, *Steel Fabricators*  
Meyer, Strong & Jones, *Heating and Ventilating Engineers*  
Baker, Smith & Company, *Heating and Ventilating Contractors*  
Conver Steel & Wire Company, *Corner Bead Contractors*

AMERICAN Black Sheets and Apollo Best Bloom Galvanized Sheets were used in the extensive ventilating systems of this building—probably the largest quantity ever specified for this purpose in a single structure. Apollo Galvanized was also utilized for half of corner bead. See view of this great building on opposite page.





*Front Elevation, Empire State Building*

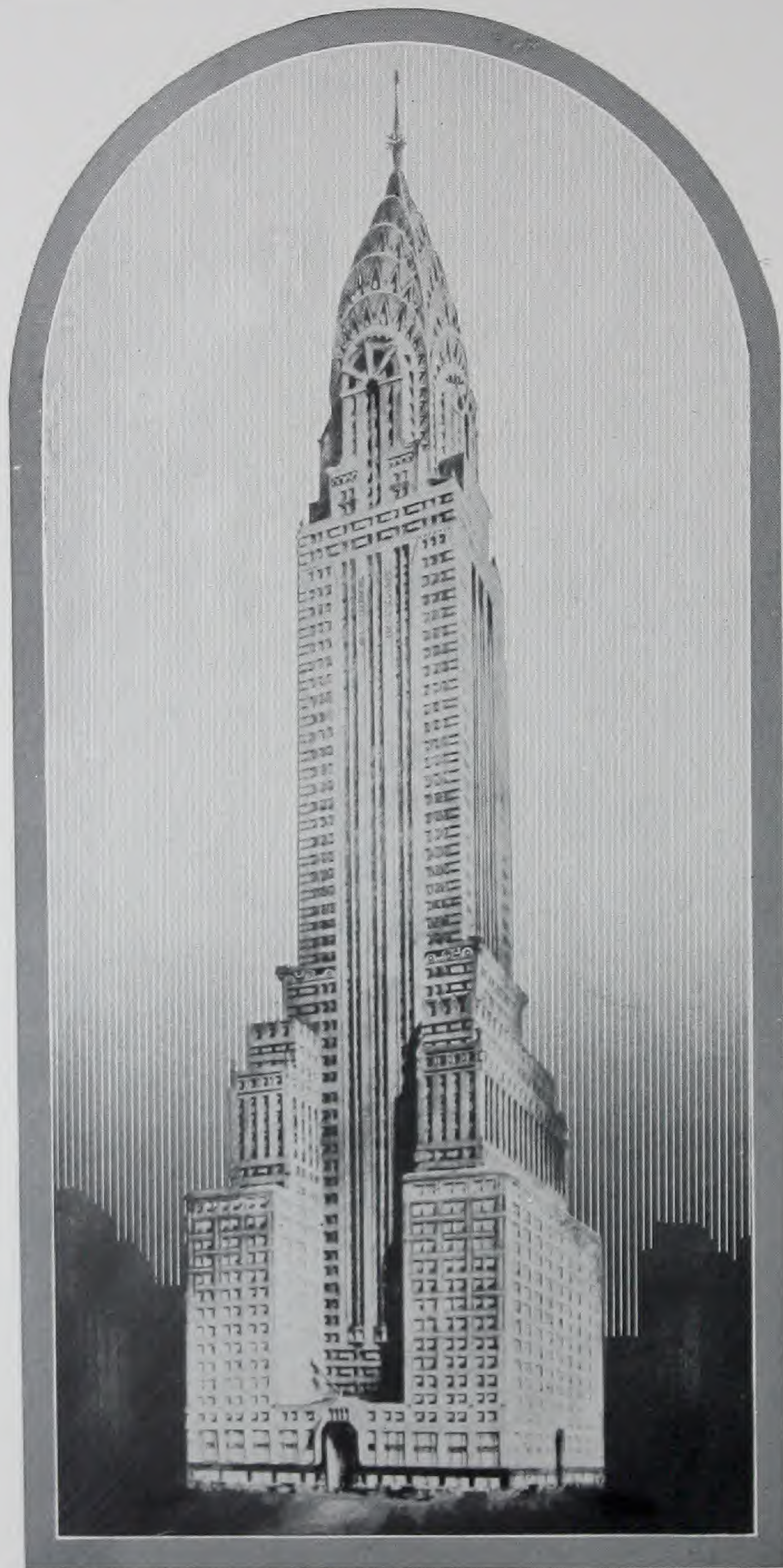
This stupendous structure rises 1250 feet above the pavement, and surpasses by 221 feet the height of the world famous Eiffel Tower.



Black and Galvanized Sheets—



—for Building Construction Uses



*The Chrysler Building, New York City*

William Van Alen, *Architect*  
Louis T. M. Ralston, *Consulting Engineer*  
Fred. T. Ley & Co., Inc., *General Contractors*

American Bridge Company, *Steel Fabricators*  
Baker, Smith & Co., *Heating and Ventilating Contractors*  
Conver Steel & Wire Company, *Corner Bead Contractors*

AMERICAN Black Sheets (Keystone quality) and Apollo Keystone Galvanized Sheets used in the ventilating and air-conditioning systems, for ducts, hangers, flues and dampers. Apollo Galvanized Sheets used for corner bead.





*Irving Trust Company Building, New York City*

Voorhees, Gmelin & Walker, Architects  
H. C. Balaban, Structural Engineer  
Mann, Collins & Ryan, General Contractors

American Bridge Company, Steel Fabricators  
Price & McCord, Structural Steel Contractors  
Baker, Smith & Cox, Heating and Ventilating Contractors

**AMERICAN** Black and Apollo Best Bloom Galvanized Sheets utilized in the ventilating system of this fine structure.



Black and Galvanized Sheets—



—for Building Construction Uses



*The New Park Plaza Hotel, St. Louis, Missouri*

Laurence O. Schopp and Edwin J. Bauman, *Architects*  
The Koplar Company, *General Contractor and Owner*  
D. F. Edwards Heating Company, *Sheet Metal Contractors*

The sheet metal work in the ventilating system of this modern and attractive new hotel is  
Apollo Best Bloom Galvanized.





*The New Waldorf Astoria Hotel, New York City*

Schultze & Weaver, *Architects*  
Clyde R. Place, *Consulting Engineer*  
Thompson-Starrett Co., *General Contractors*  
Thompson-Starrett Co., *Ventilating Contractors*  
Conver Steel & Wire Company, *Corner Bead Contractors*

AMERICAN Black and Apollo Best Bloom Galvanized Sheets were utilized in the ventilating systems. Apollo also used for half the corner bead.





*The Savoy Plaza Hotel,  
New York City*

Apollo Best Bloom Galvanized selected for metal work of ventilating system.

John H. & Wilson C. Ely, *Architects*  
Starrett Bros. & Eken, *General Contractors*  
Baker, Smith & Company—*Heating  
and Ventilating Contractors*



*National Newark Building, Newark, N. J.*

AMERICAN Black and Apollo Best Bloom Galvanized Sheets used in the ventilating system.





*The  
First National Bank  
Building,  
St. Paul, Minnesota*

Graham, Anderson, Probst &  
White, *Architects*  
Paul Steenberg Construction Co.,  
*General Contractors*  
Capital City Roofing & Cornice  
Works, *Heating and Ventilating  
Contractors*



Apollo Best Bloom Galvanized Sheets were specified for the extensive ventilating system.





*Standard Oil Company Building,  
San Francisco*

George W. Kelham, *Architect*  
Forderer Cornice Works, *Contractors for Metal Window Frames*

Apollo-Keystone Rust Resisting Copper  
Steel Galvanized utilized for metal  
window frames.

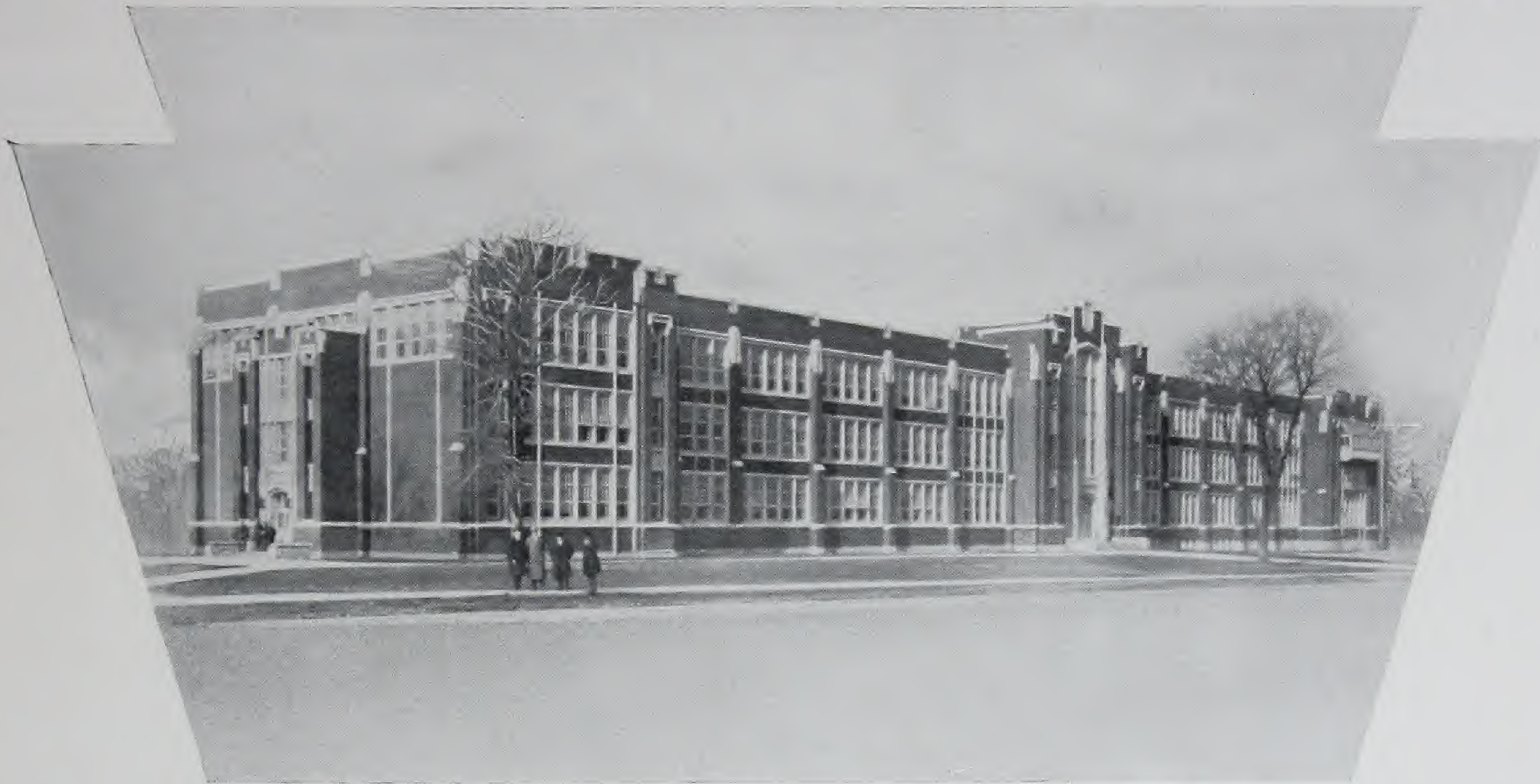


*American Insurance Company Building,  
Newark, N. J.*

J. H. & W. C. Ely, *Architects*  
Starrett Bros. & Eken, *General Contractors*  
Baker, Smith & Company, *Heating and Ventilating Contractors*

AMERICAN Black and Apollo Best Bloom Galvanized Sheets used in the ventilating system.





*West High School Building, Salt Lake City, Utah*

*Cannon & Fetzer, Architects*

*J. A. Johnson & Son Sheet Metal Works, Contractors for Sheet Metal Work*

Keystone Rust Resisting Copper Steel Sheets selected for the sheet metal work.



*Horace Mann Junior High School, Denver, Colorado*

*T. H. Buell & Co., Architects*

*W. H. Dawson, Sheet Metal Contractor*

Keystone Quality Sheets were used for the ventilating system and sheet metal work.



Black and Galvanized Sheets—



—for Building Construction Uses



*High School Building, Nephi, Utah*

Jos. Nelson, Architect

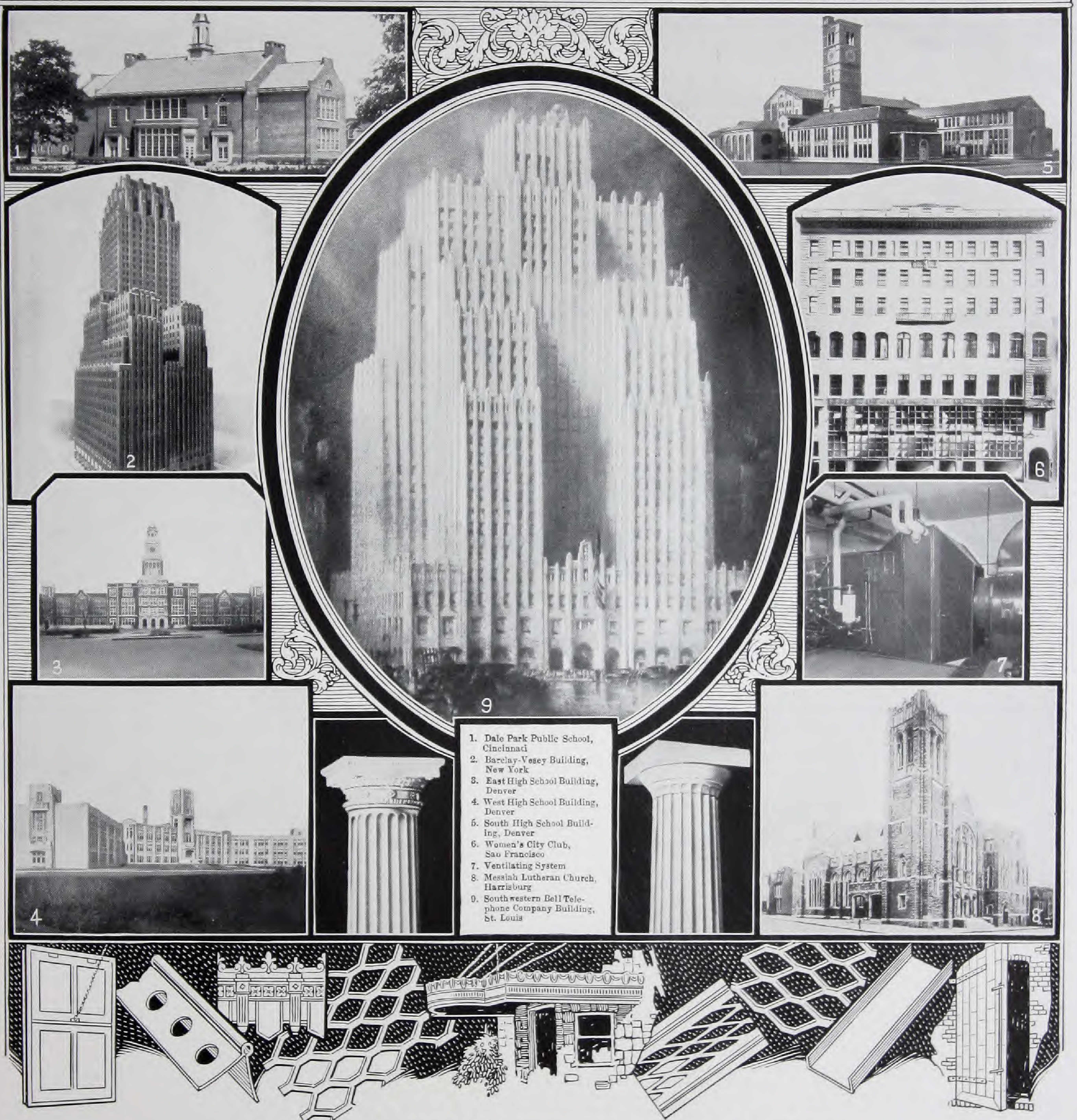
Keystone Rust Resisting Copper Steel Sheets specified for sheet metal work.



*Brightwood School Building, Washington, D. C.*

Cornice work of Keystone Copper Steel Sheets. Roof of Keystone Copper Steel Terne Plates.

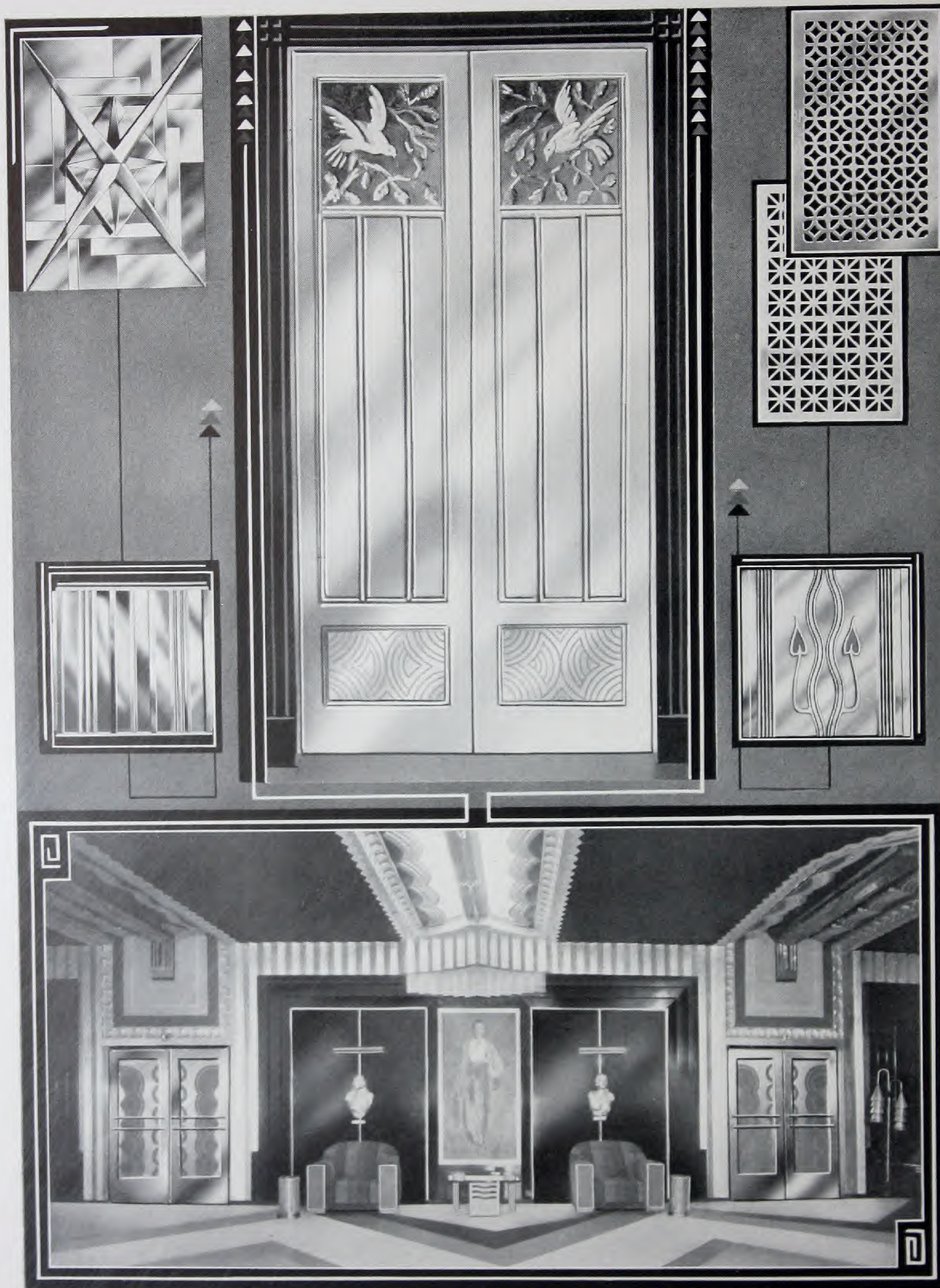




*A Diversified Group of Modern and Substantial Structures*

The buildings shown above employed AMERICAN Sheets—Black, Galvanized, or Keystone Rust Resisting quality—in various features of their construction.

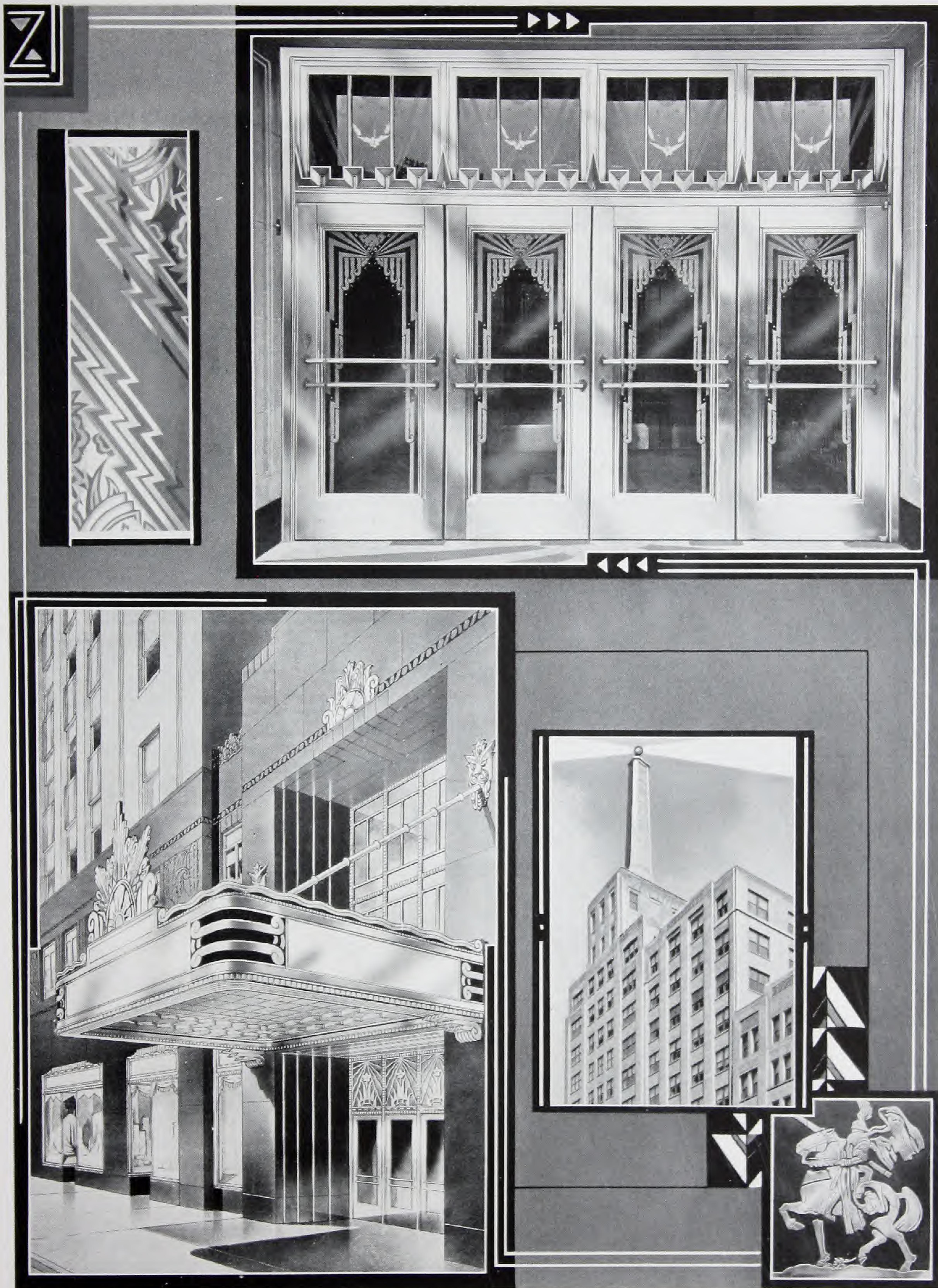




Upper illustrations: Doors, grilles and spandrels. Bottom illustration: Entrance and doors, Earl Carroll Theater, New York; Geo. Keister and Jos. J. Babolinay, Associate Architects; Kalametal Company, Inc., Fabricators of Stainless Steel.

*AMERICAN U S S Stainless Steel Sheets are specially adapted to the architectural field.*





Top and lower left: Stainless Steel doors and entrance. Lower right: Beacon tower of Stainless Steel on First National Bank Building, Scranton, Pa.; Davies and Lewis, Architects; Loeben Ornamental Iron Works, Sheet Metal Fabricators.

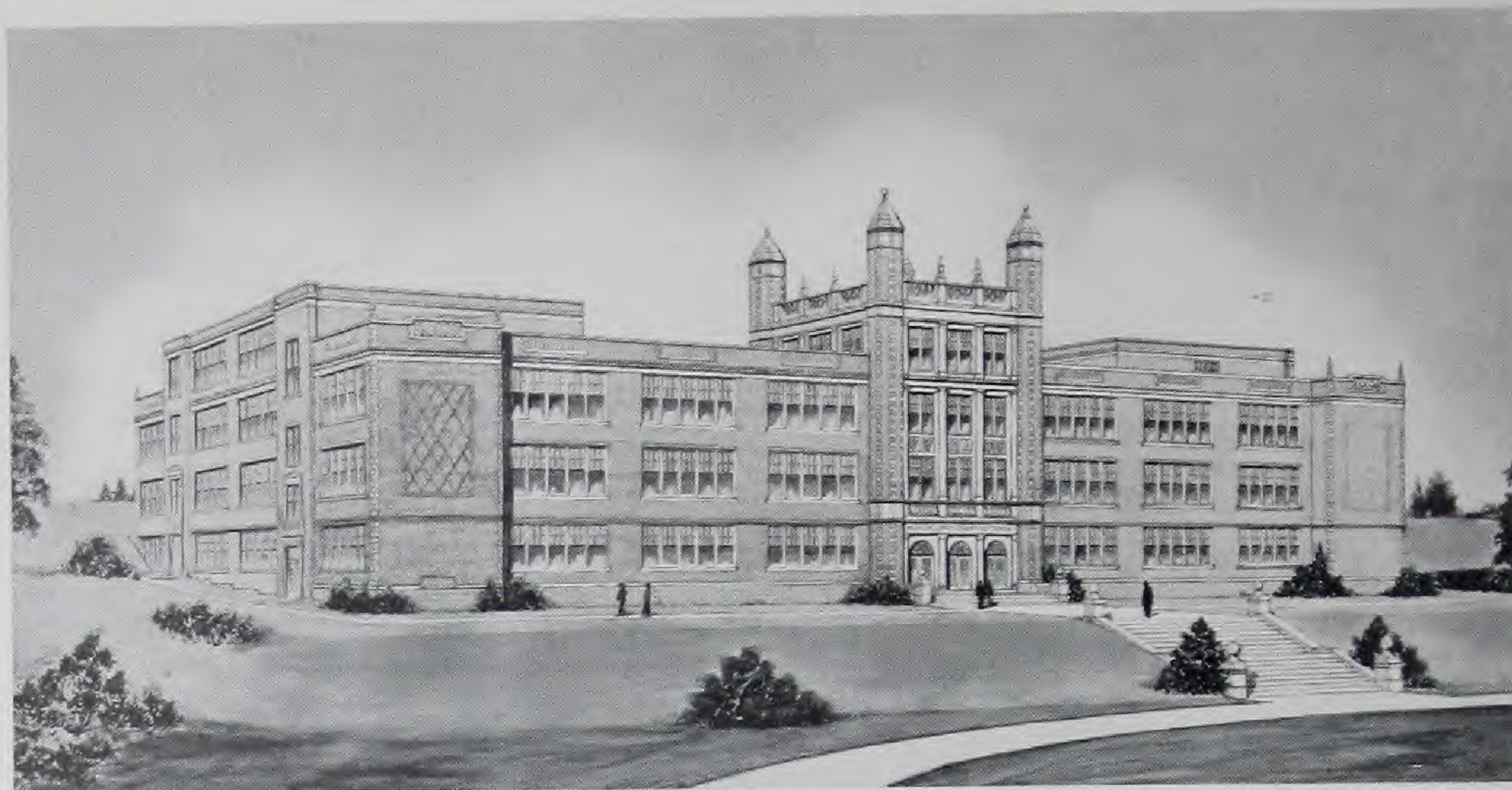
*U S S Stainless Steel Sheets and Light Plates combine beauty with utility and endurance.*



Black and Galvanized Sheets—



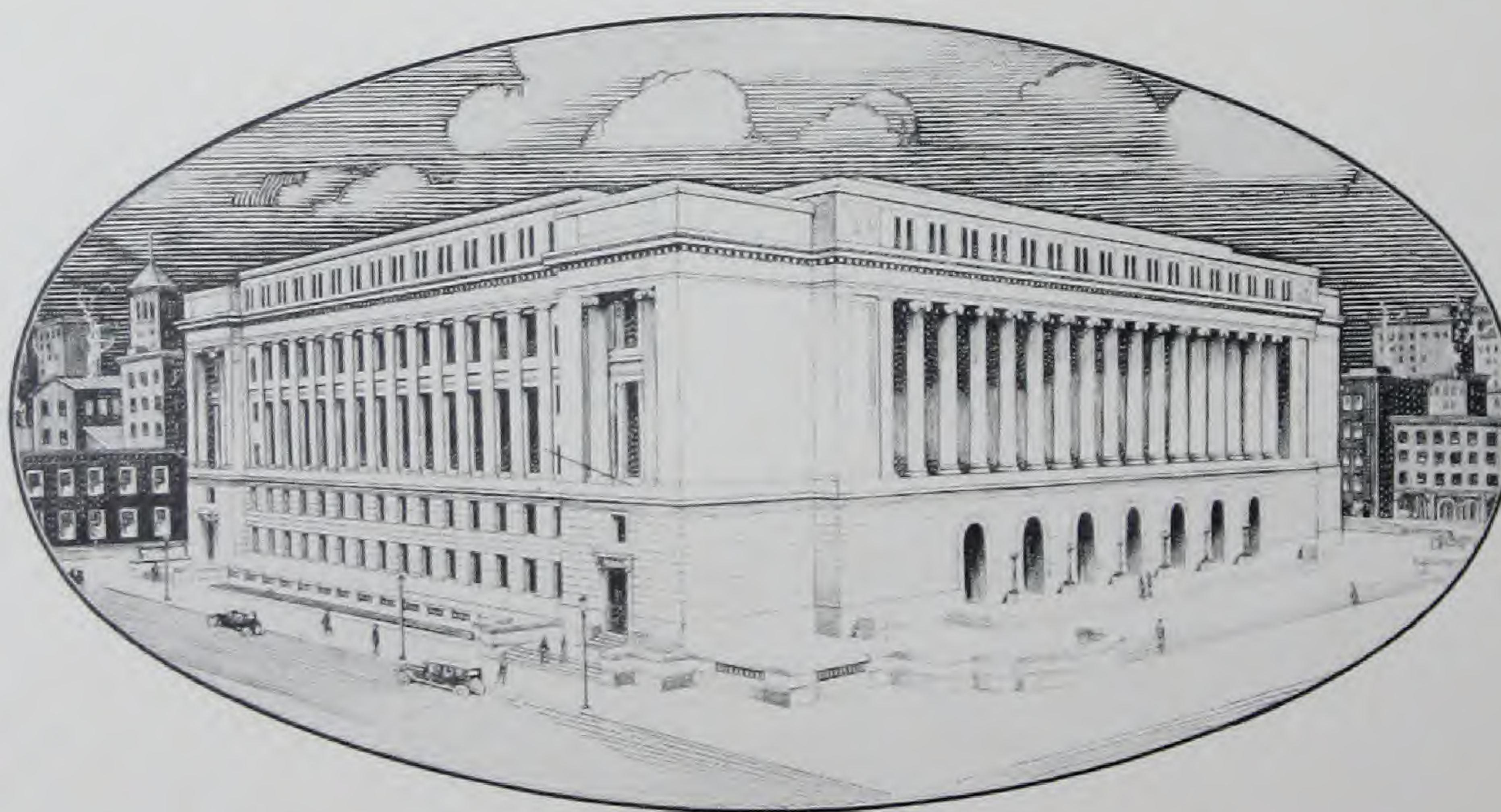
—for Building Construction Uses



*Wilbur H. Lynch Senior High School, Amsterdam, N. Y.*

Howard F. Daly, *Architect*  
John J. Turner & Sons, Inc., *General Contractors*  
Kaiser-Boswell Co., Inc., *Sheet Metal Contractors*

AMERICAN Blue Annealed and Apollo-Keystone Galvanized utilized for heating and sheet metal work, and smoke breeching.



*Hamilton County Court House, Cincinnati, Ohio*

Standard Engineering Company, Washington, D. C.,  
*Heating and Ventilating Contractors*

Keystone Rust Resisting Copper Steel Sheets used in heating and ventilating systems.



Black and Galvanized Sheets—



—for Building Construction Uses

# SHEET METAL



*For Industrial Construction,  
Culverts,  
Tanks and Flumes*



Black and Galvanized Sheets—



—for Building Construction Uses



*Great Public Cotton Warehouse and Grain Elevators, New Orleans*

Keystone Rust Resisting Copper Steel Sheets selected for the sheet metal work.

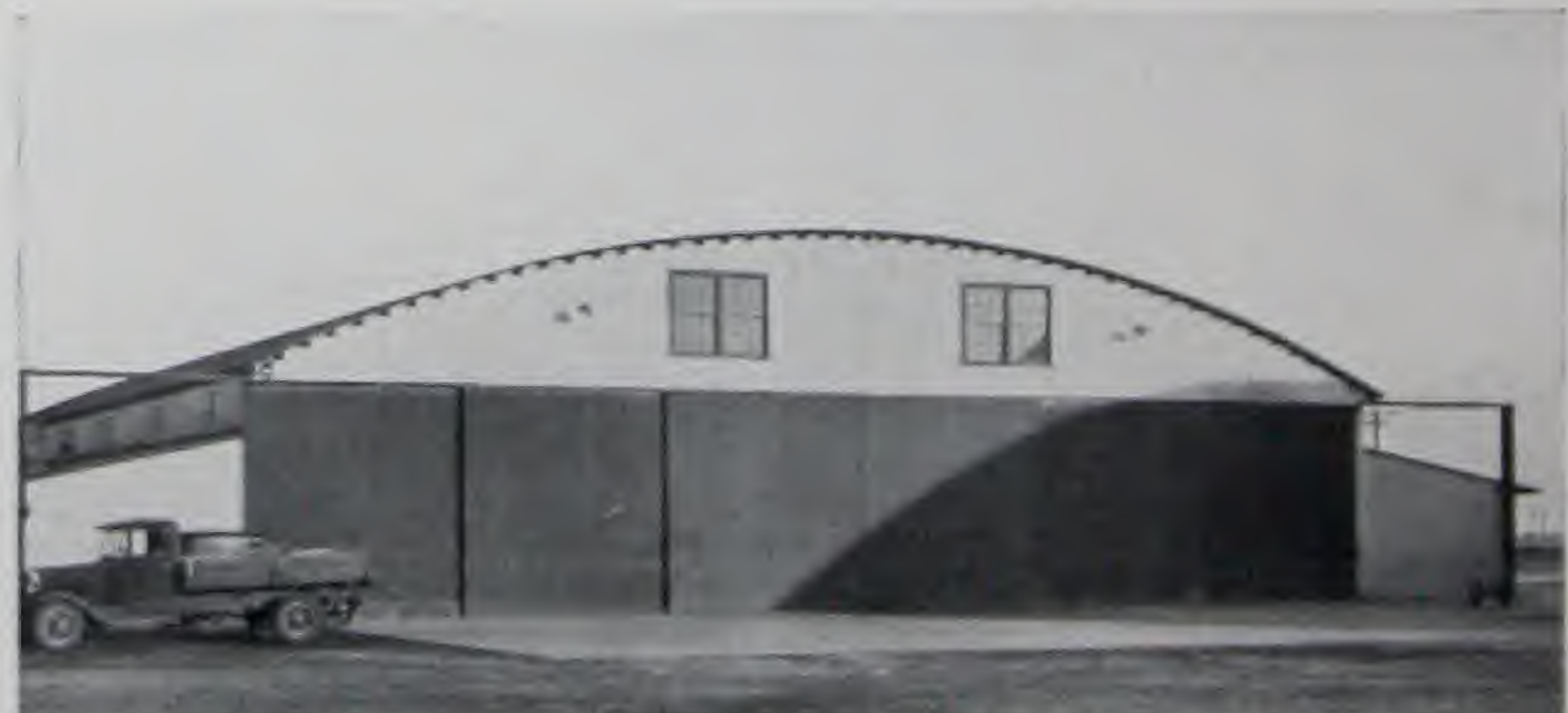


*Vandergrift Works, Vandergrift, Pa.*

Apollo Best Bloom and Apollo-Keystone Galvanized Sheets employed in the construction of this great industrial plant.



*Pier 39 North River, New York City*  
Apollo-Keystone Galvanized Sheets utilized.



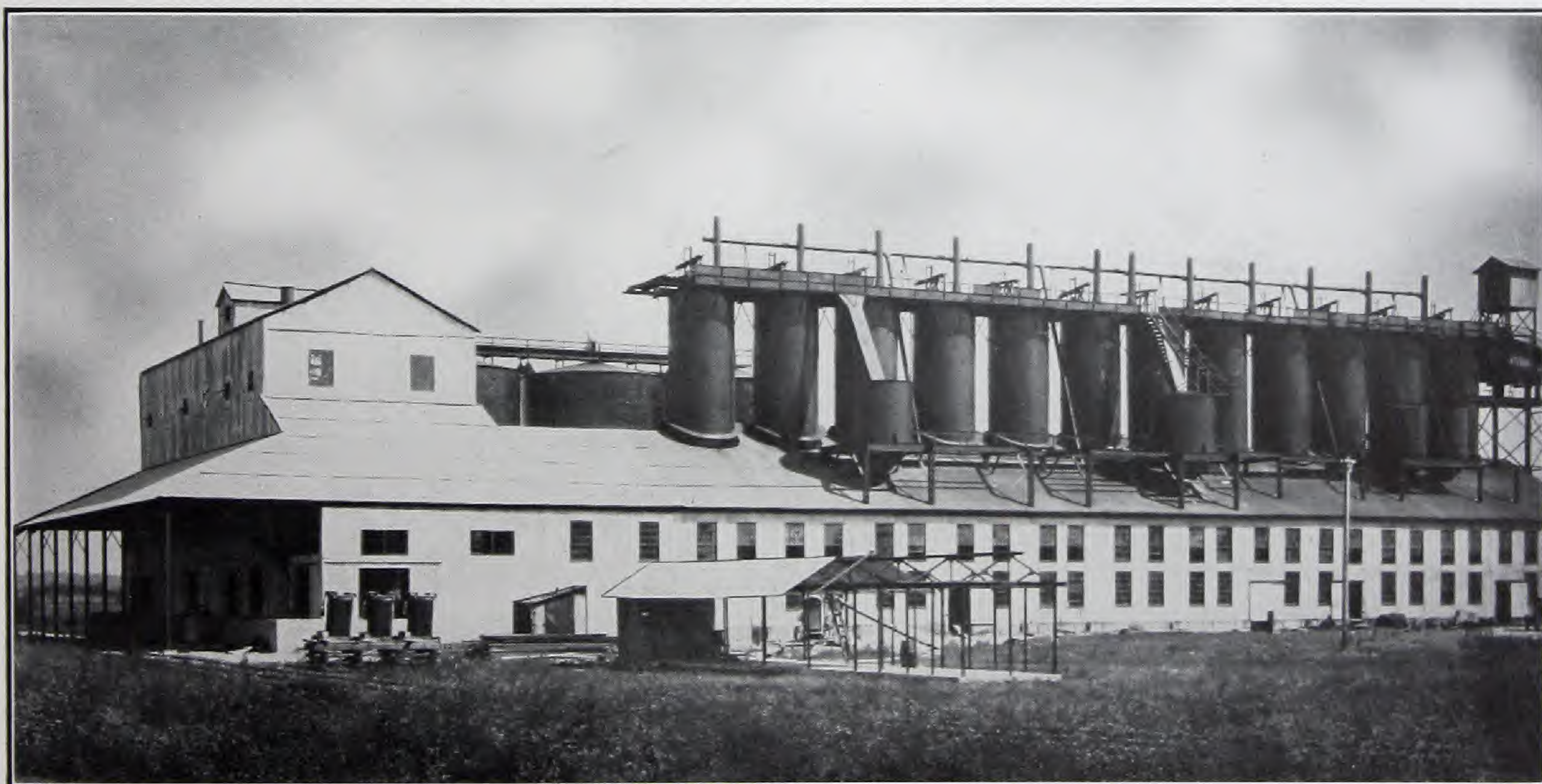
*Boeing Air Transport Hangar, Salt Lake City*  
Keystone Quality used for roofing and siding.





*Large Sugar Mill, in Cuba*

Keystone Rust Resisting Copper Steel Sheets used in construction of buildings.



*Lime Plant—Storage Bins and Hydrating Building*

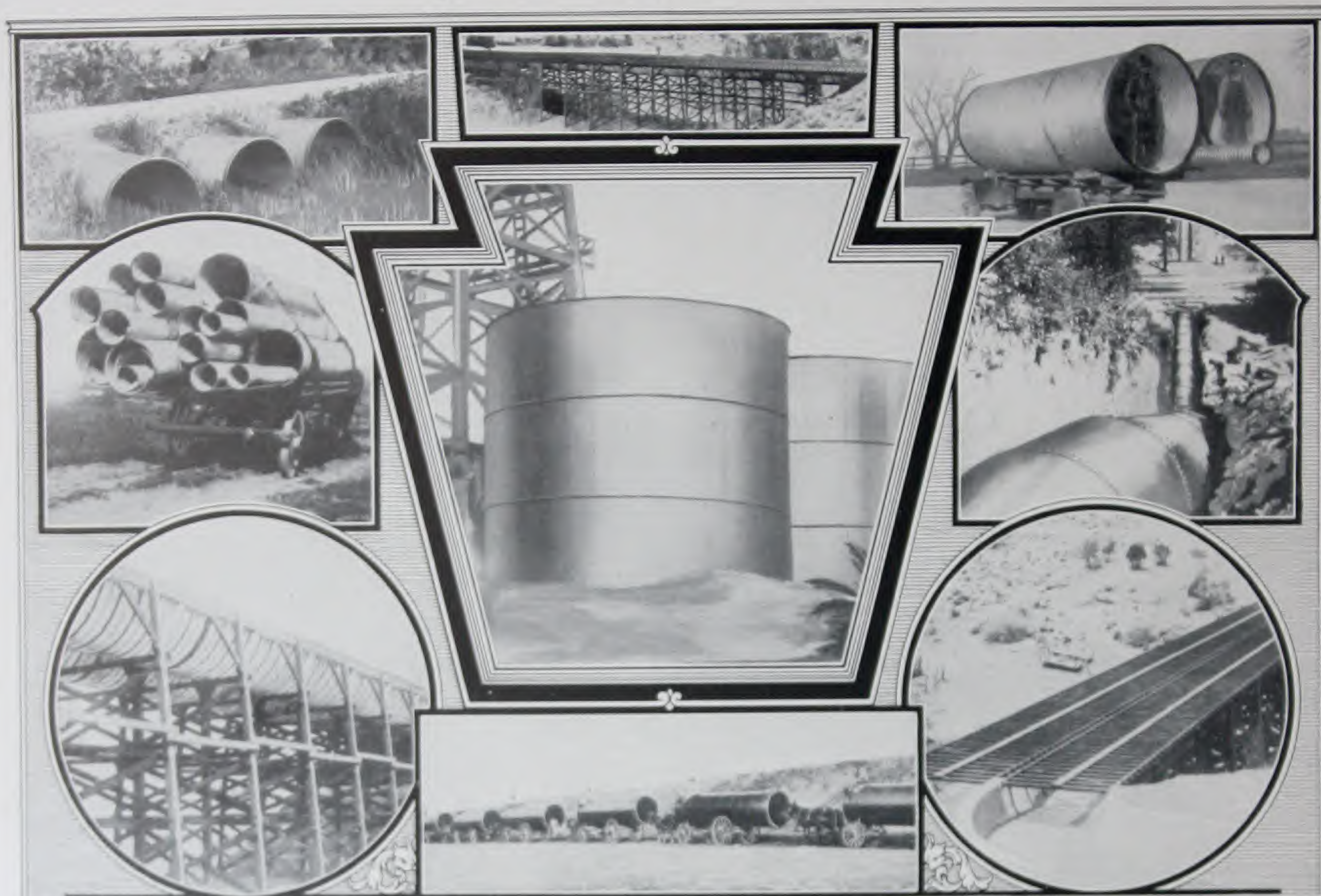
Apollo-Keystone Galvanized Sheets were employed in the construction work.



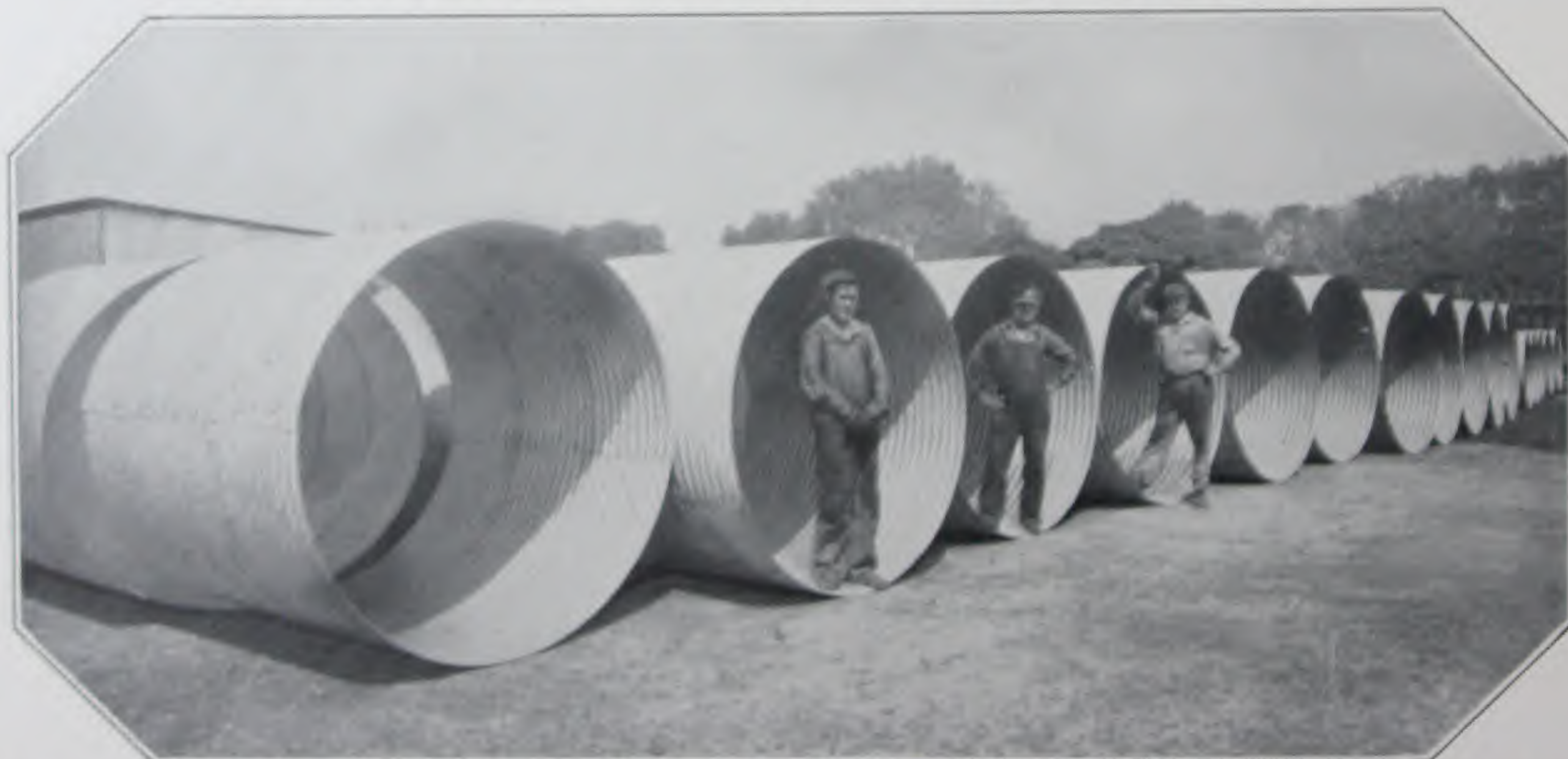
Black and Galvanized Sheets—



—for Building Construction Uses



*Culverts, Flumes and Tanks made from Apollo-Keystone Galvanized*



*Drainage and Culvert Pipe for United Verde Extension Mines, Arizona—Apollo-Keystone quality used*





## American Sheet and Tin Plate Company

SUBSIDIARY OF UNITED STATES STEEL CORPORATION

Manufacturers of Sheet and Tin Mill Products  
for all purposes

### AMERICAN—

Apollo Best Bloom Galvanized Sheets  
Keystone-Apollo Copper Steel Galvanized Sheets  
Black Sheets of Every Description  
Cold Rolled Sheets  
Keystone Copper Steel Black Sheets  
Keystone-Wellsville Polished Steel Sheets  
Corrugated Sheets—Black, Painted, Galvanized  
Heavy Coated Galvanized Sheets  
Formed Roofing and Siding Products  
Galvannealed Sheets  
Automobile Sheets—All Grades  
Sheets for Electrical Apparatus  
Sheets for Special Purposes  
Keystone Copper Steel Terne Plates  
Long Terne Sheets  
Bright Tin Plates  
Black Plate  
U S S Stainless and Heat Resisting Steel Sheets





*The well known AMERICAN brand*

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## THE BRANDS OF THIS COMPANY

enable users to identify products that represent the highest development in sheet and tin plate manufacture. This Company's ideal is not merely to meet competition in quality—but rather to set a standard for competition to meet. It is in this aim that the spirit of progress lives. In producing highest standards for sheet metals today, the AMERICAN ideal plans for even a higher tomorrow.

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*KEYSTONE Rust-resisting Copper Steel brand*



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